

In the claims

1. (currently amended) A motor vehicle computer system comprising:  
a central processor with associated memory and an input unit;  
an output unit and a reader for a bulk storage medium, wherein the navigation or multimedia system also has means for individually checking authorized use of the bulk storage medium and a selected file from a group of files on the bulk storage medium.
2. (original) The computer system as claimed in claim 1, wherein the bulk storage medium contains encrypted files.
3. (original) The computer system as claimed in claim 1, further comprising means for decrypting encrypted files.
4. (original) The computer system as claimed in claim 1, further comprising a file management system which is designed to compare an access authorization identifier entered using the input unit with access authorization identifiers for the files stored on the bulk storage medium.
5. (original) The computer system as claimed in claim 4, further comprising means for unscrambling an access authorization identifier entered in scrambled form.
6. (currently amended) The computer system as claimed claim 1, wherein the access authorization identifier ~~an~~ can be described as a vector.

7. (original) The computer system as claimed in claim 6, wherein an at least an m-dimensional access authorization identifier is utilized, where m is the number of files stored on the bulk storage medium.

8. (original) The computer system as claimed claim 1, further comprising a device identifier (ID) which is stored in a nonvolatile memory element.

9. (original) The computer system as claimed in claim 8, wherein the device identifier can be changed.

10. (original) The computer system as claimed in claim 1, further comprising means for calculating a key (k) for decrypting an encrypted file from a first code (PIN), entered in scrambled form, and the stored device identifier (ID).

11. (original) The computer system as claimed in claim 10, further comprising means for calculating the access authorization identifier (AC) from a second code (ACW), entered in scrambled form, using the key (k).

12. (currently amended) The computer system as claimed in claim ~~1~~ 8, wherein the device identifier (ID) is a vector.

13. (currently amended) The computer system as claimed in claim ~~1~~ 8, wherein the device identifier can be automatically changed whenever a new first code has been entered.

14. (original) The computer system as claimed in claim 1, further comprising voice input means.

15. (original) The computer system as claimed in claim 1 further comprising a reader for an optical bulk storage medium.

16. (original) The computer system as claimed in claim 1, wherein the bulk storage medium is a CD-ROM.

17. (original) The computer system as claimed in claim 1, wherein the bulk storage medium is a DVD.

18. (original) The computer system as claimed in claim 1, wherein the files are roadmap data and/or system programs and/or application programs.

19. (original) The computer system as claimed in claim 1, further comprising a connection to a communication means which permits communication with a central station in which the use rights on the files are managed.

20. (original) The computer system as claimed in claim 19, wherein the connection is a short-haul radio link.

21. (original) The computer system as claimed in claim 19, wherein the communication takes place via a mobile radio network.

23. (original) The computer system as claimed in claim 1, wherein the system is designed to receive and process traffic information.

24. (currently amended) A method for enabling access to a selected group of files ~~file~~ which are a subset of files ~~is~~ stored on a storage medium comprising the steps of:

calculating a key (k) with a device identification number (ID) for the storage medium ~~computer system~~ and a first scrambled code (PIN) by a computer system;

generating an identifier (AC) with the key (k) and ~~a~~ the second scrambled code (ACW) for the selected group of files which are file ~~which is~~ to be enabled; and

enabling access to the selected group of files ~~file~~ provided with ~~the calculated~~ a generated identifier for use by the computer system.

25. (currently amended) The method as claimed in claim 24, wherein the selected group of files are file ~~is~~ enabled by a file management system of the computer system.

26. (currently amended) The method as claimed in claim 25, wherein the selected group of files are file ~~is~~ encrypted using the key (k) and is decrypted for use by the computer system using the key (k).

27. (currently amended) The method as claimed in claim 25, wherein the device identification number ~~identifier~~ (ID) is changed whenever another file on the storage medium is

~~newly~~ enabled, and the changed device identification number identifier is stored in a nonvolatile ~~read-only~~ memory of the computer system.

28. (currently amended) The method as claimed in claim 25, wherein the selected group of files are part of a hierarchical file structure on the storage medium ~~is involved~~.

29. (currently amended) The method as claimed in claim 25, wherein the generated identifier ~~access authorization~~ identifier is a vector.

30. (original) The method as claimed in claim 29, wherein the access authorization identifier has binary components.

31. (currently amended) The method as claimed in claim ~~28~~ 25, wherein  $m$  components  $a(1), a(2), a(3), \dots$  of a ~~the~~ vector  $AC(x) = (a(1), a(2), a(3), \dots, a(x-1), a(x), a(x+1), \dots, a(m))$  are used to determine a ~~the~~ position of a file  $D(x)$  in the hierarchical file structure such that all the components of the vector  $AC(x)$  which are allocated to files on which the file  $D(x)$  is hierarchically dependent take a first value, while all the remaining components, which are allocated to files on which the file  $D(x)$  is not hierarchically dependent, take a second value.

32. (original) The method as claimed in claim 25, wherein the key  $(k)$  is a vector.

33. (currently amended) The method as claimed in claim 25, wherein the device identification number identifier ~~identifier~~ (ID) is a vector.

34. (currently amended) The method as claimed in claim 33, wherein the vector ~~(ID)~~ for the device identification number identifier is changed whenever a file has been enabled, by multiplying the vector ~~it~~ by a change vector c, so that  $ID(i)=ID(i=1)*c$  is true after a file has been enabled for the i-th time.

35. (original) The method as claimed in claim 25, wherein the method further comprises generating information in a motor vehicle navigation system.

36. (currently amended) The method as claimed in claim 35, wherein the selected group of files contain ~~files contain~~ roadmap data.

37. (original) The method as claimed in claim 25, wherein the selected group of files contain application programs.

38. (currently amended) The method as claimed in claim 25, wherein one of the scrambled codes determines a time limit on a ~~the~~ use right.

39. (currently amended) A storage medium for a motor vehicle computer system comprising:

a storage medium which stores a plurality of data files including a selected group of the plurality of data files in encrypted form in a hierarchical file structure, said selected group of the plurality of data files having an associated identifier, which is a vector, that may be used to limit access.

40. (original) The storage medium as claimed in claim 39, wherein the identifier is an m-dimensional vector, where m is the number of files.

41. (original) The storage medium as claimed in claim 39, wherein the vector has binary components.

42. (currently amended) The storage medium as claimed in claim 39, wherein the m components  $a(1), a(2), a(3), \dots$  of ~~a~~ the vector  $AC(x)=(a(1), a(2), a(3), \dots, a(x-1), a(x), a(x+1), \dots, a(m))$  are used to characterize a position of a file  $D(x)$  in the hierarchical file structure such that all the components of the vector  $AC(x)$  which are allocated to files on which the file  $D(x)$  is hierarchically dependent take a first value, while all the remaining components, which are allocated to files on which the file  $D(x)$  is not hierarchically dependent, take a second value.

43. (original) The storage medium as claimed in claim 39, wherein the storage medium is an optical storage medium.

44. (original) The storage medium as claimed in claim 39, wherein the storage medium is a CD-ROM.

45. (original) The storage medium as claimed in claim 39, wherein the storage medium is a DVD.